

---

☐ **Washing of membrane cartridge filters**

L20 ANSWER 50 OF 121 HCA COPYRIGHT 2002 ACS

AN 105:174908 HCA

IN Kinebuchi, Kinji; Yoshida, Yasushi; Sunaoka, Yoshio

PA Japan Organo Co., Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 5 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	JP 61153104	A2	19860711	JP 1984-273579	19841227
	JP 05075449	B4	19931020		

AB A liq. filter has externally pressurized hollow-fiber membrane cartridges suspended by a tube-board at their upper ends and plugged free-ends at lower ends in a shell having a liq. distributor at its bottom and a liq. outlet at its top across the tube board. The filter is washed by pressurized **air flow** reversely applied from the liq. outlet into the membrane tube and forced **mixing** the **air** (100-800 m3/m2.h) with the shell-side liq. to remove the accumulated cake on the fiber outside surface.

---